SAMSUNG

Code No. DA99-03357A

RT27/29/33

Refrigerator
user manual

English

imagine the possibilities

Thank you for purchasing a Samsung product.

SAMSUNG

Free Standing Appliance

safety information

SAFETY INFORMATION

- Before operating the appliance, please read this manual thoroughly and retain it at a safe place near the appliance for your future reference.
- Use this appliance only for its intended purpose as described in this instruction manual.
  This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Warnings and Important Safety Instructions in this manual do not cover all possible conditions and situations that may occur.
  It is your responsibility to use common sense, caution, and care when installing, maintaining, and operating your appliance.
- Because these following operating instructions cover various models, the characteristics of your Refrigerator may differ slightly from those described in this manual and not all warning signs may be applicable.
  If you have any questions or concerns, contact your nearest service center or find help and information online at www.samsung.com.

Important safety symbols and precautions:

WARNING	Hazards or unsafe practices that may result in **severe personal injury or death.**
CAUTION	Hazards or unsafe practices that may result in **minor personal injury or property damage.**

	Do NOT attempt.
	Do NOT disassemble.
	Do NOT touch.
	Follow directions carefully.
	Unplug the power plug from the wall socket.
	Make sure the machine is grounded to prevent electric shock.
	Call the contact center for help.
	Note.

These warning signs are here to prevent injury to you and others.
Please follow them explicitly.
After reading this section, keep it in a safe place for future reference.

WARNING SEVERE WARNING SIGNS FOR TRANSPORTATION AND SITE

- When transporting and installing the appliance, care should be taken to ensure that no parts of the refrigerating circuit are damaged.
- Refrigerant squirting out of the pipes could ignite or cause an eye injury.
  If a leak is detected, avoid any naked flames or potential sources of ignition and air the room in which the appliance is standing for several minutes.
- In order to avoid the creation of a flammable gas-air mixture if a leak in the refrigerating circuit occurs, the size of the room in which the appliance may be sited depends on the amount of refrigerant used.
- Never start up an appliance showing any signs of damage. If in doubt, consult your dealer.
  The room where the Refrigerator will be sited must be 1m³ in size for every 8g of R134a refrigerant inside the appliance.
  The amount of refrigerant in your particular appliance is shown on the identification plate inside the appliance.

troubleshooting

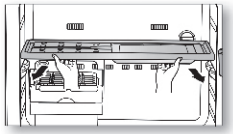
PROBLEM	SOLUTION
The appliance is not operating at all or the temperature is too high or low.	Check the Refrigerator for the following: • Check if the power plug is correctly connected. • Check if the power fuse is blown. • Is the temperature control or control panel correctly set? • Does sun shine on the appliance or are there any heat sources nearby? • Is the back of the appliance too close to the wall? • Do not store the hot food till it comes to room temperature. • Did you leave the Refrigerator or freezer door open for a long time? If a problem occurs, contact your service agents.
The food in the Refrigerator is frozen.	• Is the temperature control or control panel set to the coldest temperature? • Is the surrounding temperature too low?
There are unusual noises.	• Check if the appliance is installed on a stable and even floor. • Is the back of the appliance too close to the wall? • Have any foreign objects fallen behind or under the appliance? • Is the noise coming from the compressor in the appliance? • A ticking sound occurs when the various accessories contract or expand.
The front corners and sides of the appliance are warm and condensation starts to form.	• Heat-proof pipes are installed in the front corners of the appliance to prevent condensation from forming. When the surrounding temperature rises, this may not always be effective. However, this is not abnormal. • In very humid weather, condensation may form on the outer surface of the appliance when the moisture in the air comes into contact with the cool surface of the appliance.
You can hear a liquid bubbling in the appliance.	• This is the refrigerant, which cools the inside of the appliance.
There is a bad smell inside the appliance.	• Is there any spoiled food inside of the Refrigerator? • Make sure that strong smelling food (for example, fish) is wrapped so that it is airtight. • Clean out your Refrigerator periodically and throw away any spoiled or suspect food.
There is a layer of frost on the appliances walls.	• Are the air outlet vents blocked by food stored inside the Refrigerator? • Space the food out as much as possible to improve ventilation. • Is the door fully closed?
Condensation forms on the inside wall of the appliance and around vegetables.	• Food with a high water content is stored uncovered with a high humidity level or the door has been left open for a long time. • Store the food with a cover or in sealed containers.

cleaning and maintaining your Refrigerator

REMOVING THE INTERIOR PARTS

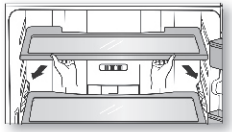
Freezer Shelf

Pull the shelf forward and slide it out.



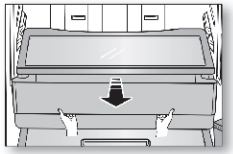
Refrigerator Shelf

Pull the shelf forward until it meets the stopper.
Tilt the front of the shelf up and pull it out.



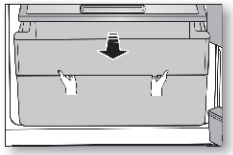
Upper veg box (Option)

Pull the upper veg box forward and take it out of the Refrigerator.
Lift the cover up and pull it out of the Refrigerator.



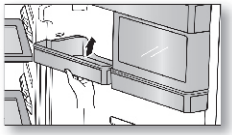
Moisturizing veg box

Pull the moisturizing veg box forward and take it out of the Refrigerator.
Lift the cover up and pull it out of the Refrigerator.



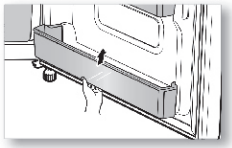
Utility guard

Lift the utility guard up and side it out (This utility guard is adjustable and my be positioned to best fit your needs.)



Bottle storage guard

Lift the guard up and slide it out (This bottle storage guard is not adjustable; it fits in only one position.)



CLEANING THE REFRIGERATOR

WARNING Do not use Benzene, Thinner or Clorox™ for cleaning. They may damage the surface of the appliance and can create a risk of fire.

CAUTION Do not spray the Refrigerator with water while it is plugged in, as it may cause an electric shock. Do not clean the Refrigerator with benzene, thinner or car detergent for risk of fire.

REPLACING THE LED LAMP

When the interior or exterior LED lamp has gone out, please contact your service agents.

WARNING SEVERE WARNING SIGNS FOR INSTALLATION

- Do not install the Refrigerator in a damp place or place where it may come in contact with water.
  - Deteriorated insulation of electrical parts may cause an electric shock or fire.
- Do not place this Refrigerator in direct sunlight or expose to the heat from stoves, room heaters or other appliance.
- Do not install this appliance in a humid, oily or dusty location, in a location exposed to direct sunlight and water (rain drops).
- Do not plug several appliances into the same multiple power board.
  The Refrigerator should always be plugged into its own individual electrical which has a voltage rating that matched the rating plate.
  - This provides the best performance and also prevents overloading house wiring circuits, which could cause a fire hazard from overheated wires.
- If the wall socket is loose, do not insert the power plug.
  - There is a risk of electric shock of fire.
- Do not use a cord that shows cracks or abrasion damage along its length or at either end.
- Do not bend the power cord excessively or place heavy articles on it.
- Do not use aerosols near the Refrigerator.
  - Aerosols used near the Refrigerator may cause an explosion or fire.

- This Refrigerator must be properly installed and located in accordance with the manual before it is used.
- After unpacking, keep the packing materials out of reach of children.
  - There is a risk of death from suffocation if children put them over their head.
- Connect the power plug in proper position with the cord hanging down.
  - If you connect the power plug upside down, wire can get cut off and cause fire or electric shock.
- Make sure that the power plug is not squashed or damaged by the back of the Refrigerator.
- When moving the Refrigerator, be careful not to roll over or damage the power cord.
  - This constitutes a fire hazard.
- The appliance must be positioned so that the plug is accessible after installation.

- The Refrigerator must be grounded.
  - You must ground the Refrigerator to prevent any power leakages or electric shocks caused by current leakage from the Refrigerator.
- Never use gas pipes, telephone lines or other potential lightening rods as ground.
  - Improper use of the ground plug can result in electric shock.

- If the power cord is damaged, have it replaced immediately by the manufacturer or its service agent.
- The fuse on the Refrigerator must be changed by a qualified technician or service company.
  - Failing to do so may result in electric shock or personal injury.

CAUTION CAUTION SIGNS FOR INSTALLATION

- Allow sufficient space to install the Refrigerator on a flat surface.
  - If your Refrigerator is not level, the internal cooling system may not work correctly.
- Keep ventilation opening in the appliance enclosure or mounting structure clear of obstruction.

WARNING SEVERE WARNING SIGNS FOR USING

- Do not insert the power plug with wet hands.
- Do not store articles on the top of the appliance.
  - When you open or close the door, the articles may fall and cause personal injury and/or material damage.

⚠ WARNING SEVERE WARNING SIGNS FOR USING (CONT'D)

- Do not put items filled with water on the Refrigerator.
- If spilled, there is a risk of fire or electric shock.
- Do not let children hang on the door.
- Failure to do so may cause serious personal injury.
- Do not leave the doors of the Refrigerator open while the Refrigerator is unattended and do not let children enter inside of the Refrigerator.
- There is a risk of children entrapment and serious personal injury because of low temperature.
- Do not let children step on drawer's cover.
- It may break and cause slip hazard.
- Never put fingers or other objects into the dispenser hole.
- Failure to do so may cause personal injury or material damage.
- Do not store volatile or flammable substances such as benzene, thinner, alcohol, ether or LP gas in the Refrigerator.
- The storage of any of such products may cause explosions.
- Do not store low temperature-sensitive pharmaceuticals products, scientific materials or other low temperature-sensitive products in the Refrigerator.
- Products that require strict temperature controls must not be stored in the Refrigerator.
- Do not place or use electrical appliance inside the Refrigerator, unless they are of a type recommended by the manufacturer.
- Do not use a hair dryer to dry the inside of the Refrigerator.
  Do not place a lighted candle in the Refrigerator for removing bad odors.
- This may result in electric shock or fire.
- Do not touch the inside walls of the freezer or products stored in the freezer with wet hands.
- This may cause frostbite.
- Do not use mechanical devices or any other means to accelerate the defrosting process, other than those recommended by the manufacturer.
- Do not damage the refrigerant circuit.
- Fill water tank, ice tray, water cubes only with potable water.

- This product is intended only for the storage of food in a domestic environment.
- Bottles should be stored tightly together so that they do not fall out.
- If a gas leak is detected, avoid any naked flames or potential sources of ignition and air the room in which the appliance is standing for several minutes.
- Use only the LED Lamps provided by manufacturer or service agents.
- Children should be supervised to ensure that they do not play with and/or climb into the appliance.

- Do not disassemble or repair the Refrigerator by yourself.
- You run risk of causing a fire, malfunction and/ or personal injury. In case of malfunction, please contact your service agents.

- If you want to change the interior lamps of the Refrigerator, please contact your service agents.

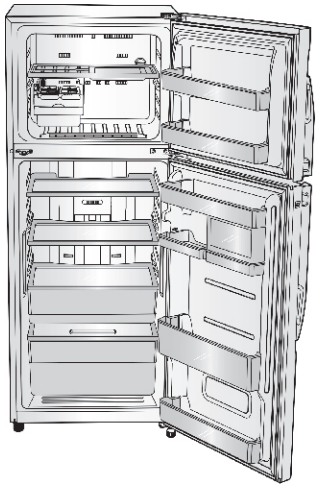
- If the appliance generates a strange noise, a burning or smell or smoke, unplug the power plug immediately and contact your nearest service center.
- Failing to do so may result in electric or fire hazards. Keep ventilation opening in the appliance enclosure or mounting structure clear of obstruction.
- If the products equipped with LED Lamp, do not disassemble Lamp Cover and LED Lamp by yourself.
- Please contact your service agents.
- If any dust or water is in Refrigerator, pull out power plug and contact your Samsung Electronics service center.
- There is a risk of fire.

⚠ CAUTION CAUTION SIGNS FOR USING

- Unplug the power plug during a thunder/ lightning storm.
- To get best performance of product,
- Do not place foods too closely in front of the vents at the rear of the appliance as it can obstruct free air circulation in the Refrigerator compartment.
- Wrap the food up properly or place it in airtight containers before put it into the Refrigerator.

STORING FOOD (RT 27/29/33)

The Samsung Refrigerator has been designed to provide you with maximum space saving features and functions.
Here are some of the customized compartments we have created to keep your food fresher, longer. Remember, in order to prevent odor penetration, stored food should be wrapped securely and as airtight as possible.

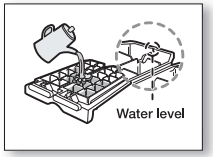


Some parts in the picture may differ from your Refrigerator, depend on model and option. To get the best energy efficiency of this product, please leave all selves, drawers and baskets on their original position like as illustration.

" To get more space, you can remove the ice pack."

MAKING ICE (TWIST ICE TRAY)

1. Fill the tray up to 80% with water level.
2. Place the ice tray in the top freezer drawer.
3. Wait until the ice cubes are formed.
4. Twist the ice tray slightly to take out the ice cubes.



Freezing time

It is recommended that you wait about 1~2 hours after setting MAX of Freezer or COLDEST of temperature control for the ice cubes to form.

⚠ CAUTION
- Glass bottles containing liquids should never be stored in the freezer as the glass can shatter when the contents freeze.

Cracking of Ice storage bin

- Please do not pour water directly in Ice Storage bin, As if will be cracked or broken.

Freezing Freezer Room

- Please do not pour water directly in Ice maker in freezer room, As if can be overflowed and freezed in freezer room.

SETTING UP THE REFRIGERATOR

Now that you have your new Refrigerator installed and in place, you are ready to set up and enjoy the full features and functions of the appliance.
By completing the following steps, your Refrigerator should be fully operational.
If not, first check the power supply and electricity source or try the troubleshooting section at the back of this user manual.
If you have any further questions, contact your Samsung Electronics service center.

1. Place the Refrigerator in an appropriate location with reasonable clearance between the wall and the Refrigerator.
   Refer to installation instructions in this manual. (Refer to page 7)
2. Once the Refrigerator is plugged in, make sure the interior light comes on when you open the doors.
3. Set the temperature control to the coldest temperature and wait for an hour.
   The Refrigerator should get slightly chilled and the motor should run smoothly.
4. After powering the Refrigerator, it will take a few hours to reach the appropriate temperature.
   Once the Refrigerator temperature is sufficiently cool, you can store food and drink in the Refrigerator.

operating your Refrigerator

ADJUSTING THE TEMPERATURE CONTROL

COLDEST

Turn the temperature control to COLDEST if you want to store a lot of food in the Refrigerator/freezer or make ice in the freezer or require fast freezing in the freezer.

NORMAL

If you want to keep refrigerating or freezing to normal mode, turn the temperature control to the midway point between COLDEST and COLD.

COLD

If you want to store only a small amount of food in the Refrigerator or freezer, turn the temperature control to COLD.

- If the temperature where the Refrigerator is placed is lower than 5 °C, set the temperature control to COLD.
  Because the temperature of the Refrigerator is affected by the temperature around the Refrigerator and it will be lower than the set value.
- Apart from knob settings mentioned above, if you desire to increase or reduce the cooling, turn the knob clockwise or anticlockwise to the degrees you want.

CAUTION SIGNS FOR USING (CONT'D)

- Do not re-freeze frozen foods that have thawed completely.
- Do not place carbonated or fizzy drinks in the freezer compartment.
  Do not put bottles or glass containers in the freezer.
  - When the contents freeze, the glass may break and cause personal injury and property damage.
- Do not change the functionality of or modify the Refrigerator.
  - Changes or modifications may result in personal injury and/or property damage.
    Any changes or modifications performed by a 3rd party on this completed appliance is neither covered under Samsung warranty service, nor is Samsung responsible for safety issues and damages that result from 3rd party modifications.
- Do not block air holes.
  - If the air holes are blocked, especially with a plastic bag, the Refrigerator can be over cooled.
    If this cooling period lasts too long, the water filter may break and cause water leakage.
  - Do not put any newly introduced food for freezing near to already frozen food.
- Please observe maximum storage times and expiry dates of frozen goods.
- Fill water tank, ice tray, water cubes only with potable water.
- Do not place food inside the Refrigerator in a haphazard way.
  - The food will not cool properly.

- If the appliance is flooded, cut the power immediately and contact your nearest service center.

CAUTION SIGNS FOR CLEANING AND MAINTENANCE

- Do not directly spray water inside or outside the Refrigerator.
  - There is a risk of fire or electric shock.
- Do not spray inflammable gas near the Refrigerator.
  - There is a risk of explosion or fire.
- Do not spray cleaning products directly on the display.
  - Printed letters on the display may come off.

- Remove any foreign matter or dust from the power plug pins.
  But do not use a wet or damp cloth when cleaning the plug, remove any foreign material or dust from the power plug pins.
  - Otherwise there is a risk of fire or electric shock.

- Unplug the Refrigerator before cleaning and performing maintenance.

SEVERE WARNING SIGNS FOR DISPOSAL

- When transporting and installing the appliance, care should be taken to ensure that no parts of the refrigerating circuit are damaged.
- When disposing of this product or other Refrigerators, remove the door/door seals, door latch so that small children or animals cannot become trapped inside.
  Leave the shelves in place so that children may not easily climb inside.
  Children should be supervised to ensure that they do not play with the old appliance.
- Please dispose of the packaging material for this product in an environmentally friendly manner.

ADDITIONAL TIPS FOR PROPER USAGE

- In the event of a power failure, call the local office of your Electricity Company and ask how long it is going to last.
- Most power failures that are corrected within an hour or two will not affect your Refrigerator temperatures.
  However, you should minimize the number of door openings while the power is off.
- Should the power failure last more than 24 hours, remove all frozen foods.
- If keys are provided with the Refrigerator, the keys should be kept out of the reach of children and not in vicinity of the appliance.
- The appliance might not operate consistently (possibility of temperature becoming too warm in Refrigerator) when sited for an extended period of time below the cold end of the range of temperature for which the refrigerating appliance is designed.
- Do not store food which spoils easily at low temperature, such as bananas, melons.
- Your appliance is frost free, which means there is no need to manually defrost your appliance, as this will be carried out automatically.
- Temperature rising during the defrost can comply with ISO requirement.
  But if you want to prevent an undue rise in the temperature of the frozen food while defrosting the appliance, please wrap the frozen food in several layers of newspaper.
- Any increase in temperature of frozen food during defrosting can shorten its storage life.

Saving Energy Tips

- Install the appliance in a cool, dry room with adequate ventilation.
  Ensure that it is not exposed to direct sunlight and never put it near a direct source of heat (radiator, for example).
- Never block any vents or grilles on the appliance.
- Allow warm food to cool down before placing it in the appliance.
- Put frozen food in the refrigerator to thaw.
  You can then use the low temperatures of the frozen products to cool food in the refrigerator.
- Do not keep the door of the appliance open for too long when putting food in or taking food out.
  The shorter time for which the door is open, the less ice will form in the freezer.
- Clean the rear of the refrigerator regularly.
  Dust increases energy consumption.
- Do not set temperature colder than necessary.
- Ensure sufficient air exhaust at the refrigerator base and at the back wall of the refrigerator.
  Do not cover air vent openings.
- Allow clearance to the right, left, back and top when installing.
  This will help reduce power consumption and keep your energy bills lower.

contents

SETTING UP YOUR REFRIGERATOR 07
OPERATING YOUR REFRIGERATOR 08
CLEANING AND MAINTAINING YOUR REFRIGERATOR 10
TROUBLESHOOTING 11

setting up your Refrigerator

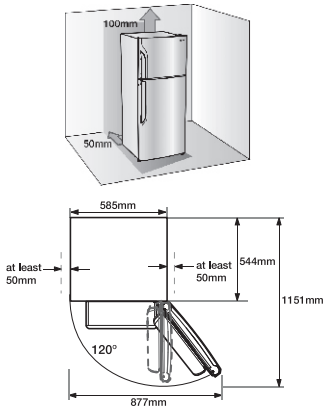
GETTING READY TO INSTALL THE REFRIGERATOR

Congratulations on your purchase of this Samsung Refrigerator.
We hope you enjoy state of-the-art features and efficiencies that this new appliance offers.

- Please call installation engineer to install your new Refrigerator and then you can get more information from engineer about understanding and performance of your Refrigerator.
- This Refrigerator must be properly installed and located in accordance with the manual before it is used.
- Use this appliance only for its intended purpose as described in this instruction manual.
- We strongly recommend that any servicing be performed by a qualified individual.
- Please dispose of the packaging material for this product in an environmentally friendly manner.

Selecting the best location for the Refrigerator

- A location without direct exposure to sunlight.
- A location with flat floor surface.
- A location with enough space for the Refrigerator door to open easily.
- Allow sufficient space for air circulation of the internal cooling system. If the Refrigerator does not have enough space, the internal cooling system may not work properly.



- Height of the product may be different depending on the models.
- Allow clearance to the right, left, back and top when installing. This will help reduce power consumption and keep your energy bills lower.
- Do not install the Refrigerator in a place with the temperature lower than 10°C.
- When you move the Refrigerator, unplug and clearly arrange the power cord. Also secure the glass shelf and the doors with a tape.

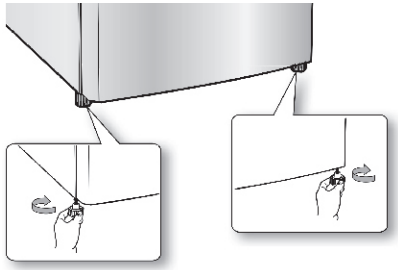
CAUTION
- Pull the unit straight out when installing, servicing or cleaning behind the Refrigerator and push it straight back after work is complete. Make sure your floor can support fully loaded Refrigerator.
- Keep ventilationn opening in the applicance enclosure or mounting structure clear of obstruction.

LEVELING THE REFRIGERATOR

If the front of the appliance is slightly higher than the rear, the door can be opened and closed more easily. Turn the adjusting legs clockwise to raise and counter-clockwise to lower the height.

Case 1) The appliance tilts down to the left.
- Turn the left adjusting leg in the direction of the arrow until the appliance is level.

Case 2) The appliance tilts down to the right.
- Turn the right adjusting leg in the direction of the arrow until the appliance is level.



If you may hurt your hand or fall down the Refrigerator when you adjust the Refrigerator.